

EMBEDDED MEMORY SYSTEM AND METHOD INCLUDING DATA ERROR  
CORRECTION

ABSTRACT OF THE DISCLOSURE

A system and method for accessing a memory array where retrieved data is stored in a memory and upon the writing of the data in its modified form, the originally stored data is updated with the modification prior to being written back to the memory array. In this manner, a new error correction code can be calculated prior to writing the data without the need to access the memory array again.

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